

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Resolve
PRODUCT TYPE: Alkaline liquid cleaning compound
PRODUCT NUMBER: W4245XXX (Last 3 characters vary with the packaging)
CONTROL NUMBER: W4245XXX

COMPANY:..... **Simoniz USA, Inc.**
201 Boston Turnpike
Bolton, CT 06043
1-800-227-5536
www.simoniz.com

EMERGENCY PHONE: 1-800-255-3924 (CHEM-TEL)

2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE:Serious Eye Damage (1) Skin Irritation (2) Specific Target Organ Toxicity, Single Exposure; Respiratory Tract Irritation (3) Acute Toxicity, Oral (5)

SYMBOLS:



SIGNAL WORD: DANGER!

HAZARD STATEMENT: Causes serious eye damage. Causes skin irritation. May cause respiratory irritation. May be harmful if swallowed.

PRECAUTIONARY STATEMENTS:

PREVENTION:..... Wash hands thoroughly after handling. Do not touch eyes. Wear protective gloves / protective clothing / eye protection / face protection. Avoid breathing dust / fume / gas / mist / vapors / spray. Use only outdoors or in a well-ventilated area.

RESPONSE: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get emergency medical help. IF ON SKIN: Wash with plenty of water and soap. Specific treatment (see First Aid section). If skin irritation occurs: Get medical help. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help if you feel unwell. IF SWALLOWED: Get medical help.

STORAGE: Store in a well-ventilated place. Keep container tightly closed. Store locked up.

DISPOSAL:..... Dispose of container and contents in accordance with local regulations.

Safety Data Sheet

3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER
Water	7732-18-5
2-Butoxyethanol	111-76-2
2-Aminoethanol	141-43-5
Disodium Metasilicate	6834-92-0

If percentages, chemical names or C.A.S. numbers of ingredients are not listed/shown, they are being withheld as trade secret information, or are not required per OSHA Hazard Communication Standard 29CFR 1910.1200. This information will be disclosed as necessary to authorized individuals.

4 – FIRST-AID MEASURES

BREATHING (INHALATION): ... Maintain adequate ventilation in work area. If signs of discomfort or irritation occur, remove to fresh air. If symptoms persist or if you feel unwell, seek medical attention.

SWALLOWING (INGESTION): . DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. Apply ice compresses and get immediate emergency medical attention by an eye specialist! It may be necessary to bring person to a hospital emergency room.

SKIN (DERMAL): Flush from skin and clothing with large quantity of fresh water for several minutes. If irritation occurs, seek medical attention. Wash contaminated clothing before reuse.

5 – FIRE-FIGHTING MEASURES

FLASHPOINT: This product is non-flammable.

EXTINGUISHING MEDIA: Use extinguishing media suitable for materials already burning.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.

WASTE DISPOSAL: As recommended by local, state and federal authorities.

Safety Data Sheet

7 – HANDLING and STORAGE

STORAGE: Store in a cool, well-ventilated area. Avoid overheating or freezing. Keep container tightly closed when not in use. Store locked up. Do NOT store this product in an unmarked container.

HANDLING: Maintain adequate ventilation of work area. Wear eye and hand protection if product is likely to splash. Avoid breathing product mist and spray. Do NOT transfer this product to an unmarked container. Spilled material is slippery. Keep away from children!

ATTENTION: Do NOT reuse empty container. Empty containers retain vapor and product residue, which can be dangerous.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not usually needed in well-ventilated areas. If needed, use a NIOSH approved respirator.

PROTECTIVE CLOTHING: Nitrile or PVC gloves, and chemical splash goggles.

ADDITIONAL MEASURES: Under normal use according to label instructions, special protection should not be necessary. Wear eye and hand protection if product is likely to splash. Keep away from children!

INGREDIENT	C.A.S. NUMBER	OSHA PEL*
Water	7732-18-5	No limits established
2-Butoxyethanol	111-76-2	50 ppm, 240 mg/m ³
2-Aminoethanol	141-43-5	3 ppm, 6 mg/m ³
Disodium Metasilicate	6834-92-0	No limits established

**When OSHA 8-hour TWA; STEL; and Ceiling PEL values are not established, NIOSH REL; ACGIH TLV; and AIHA WEEL values will be shown in that order, and indicated as such.*

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR: Red transparent liquid, cherry scented.

ODOR THRESHOLD: N/A

pH: 13.0 – 13.5

MELTING POINT: N/A

FREEZING POINT: N/A

BOILING POINT: 210 degrees F.

BOILING POINT RANGE: N/A

FLASHPOINT: This product is non-flammable.

EVAPORATION RATE: N/A

FLAMMABILITY (solid/gas): N/A

EXPLOSION LIMITS: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY (AIR=1): Greater than 1.

SPECIFIC GRAVITY: 1.02

SOLUBILITY IN WATER: Completely soluble.

PARTITION COEFFICIENT: N/A

AUTO-IGNITION TEMPERATURE: N/A

Safety Data Sheet

DECOMPOSITION TEMPERATURE:.....N/A

VISCOSITY:..... Water thin

10 – STABILITY and REACTIVITY

STABILITY: Stable under normal conditions.

INCOMPATIBILITY:..... Do not mix with acids or other chemicals.

HAZARDOUS DECOMPOSITION:Carbon Oxides, Nitrous Oxides, Silicone Oxides.

HAZARDOUS POLYMERIZATION:.....This product not known to polymerize.

11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY:.....Absorption through eyes and skin. Ingestion. Inhalation.

LISTED CARCINOGEN: None over 0.1%.

MEDICAL CONDITION AGGRAVATED:.....May aggravate preexisting dermatitis and asthma.

INHALATION:..... Undiluted product can cause irritation, to the mouth, nose and respiratory tract, if inhaled.

INGESTION: Undiluted product may be harmful to health; and may cause irritation to the mouth, esophagus and stomach, if ingested.

EYES: Undiluted product can cause severe irritation, redness, burns, blindness or other permanent damage if not immediately flushed from eyes.

SKIN (DERMAL):..... Undiluted product can cause irritation and redness to the exposed area if not flushed from skin.

ACUTE TOXICITY* (ORAL):.....3,714.1 mg/kg

ACUTE TOXICITY* (DERMAL):>5,000 mg/kg

ACUTE TOXICITY* (INHALATION):.....>20,000 ppm V (Gas), >20 mg/l (Vapor), >5 mg/l (Dust)

**Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6)*

12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION: N/A

13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: As recommended by local, state and federal authorities.

14 – TRANSPORTATION INFORMATION

DOT:

PROPER SHIPPING NAME:..... Not regulated for domestic shipments acc. DOT HMR.

HAZARD CLASS:

UN/NA NUMBER:


PACKAGING GROUP:

Safety Data Sheet

IMDG:**PROPER SHIPPING NAME:**..... Not regulated for international shipments acc. IMDG CODE.**HAZARD CLASS:****UN/NA NUMBER:****PACKAGING GROUP:****IATA:****PROPER SHIPPING NAME:**..... Not regulated for international shipments acc. IATA DGR.**HAZARD CLASS:****UN/NA NUMBER:****PACKAGING GROUP:**

15 – REGULATIONS

Contents of this SDS comply with OSHA Hazard Communication Standard 29CFR 1910.1200.

CALIFORNIA PROPOSITION 65:..... **WARNING:** This product can expose you to chemicals including Diethanolamine, which is known to the State of California to cause cancer, and Methanol, which is known to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

INGREDIENT	C.A.S. NUMBER	Listed Date
Diethanolamine	111-42-2	06/22/2012 (Cancer)
Trisodium Nitrotriacetate (Nitrotriacetic Acid, Trisodium Salt Monohydrate)	5064-31-3 (18662-53-8)	04/01/1989 (Cancer)
Methanol	67-56-1	03/16/2012 (Developmental Toxicity)

16 – OTHER INFORMATION

NFPA HEALTH:..... 2
NFPA FLAMMABILITY:..... 0
NFPA REACTIVITY:..... 0
NFPA OTHER:..... Alkali

ADDITIONAL:..... The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe—read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

REVISION DATE: 03/26/2024